



3667

U.S. COAST AND GEODETIC SURVEY
OFFICE OF THE CHIEF OF PARTY

Form 501
DEPARTMENT OF COMMERCE
 U. S. COAST AND GEODETIC SURVEY

State: _____

11-5013

DESCRIPTIVE REPORT.

Top. _____ *Sheet No.* 3667.

LOCALITY:

 191

CHIEF OF PARTY:

3667

Descriptive Report

to accompany

Topography Sheet ~~XXXXXX~~

Perquimans River, North Carolina

February, 1917 Scale 1; 10,000

The topography of this sheet includes the Perquimans River, from Ferry Point on the north shore and Crow Point on the South Shore to $\frac{1}{4}$ mile above the Norfolk Southern R. R. bridge. It also includes the town of Hertford, and Mill and Raccoon Creeks.

For the control, a number of prominent objects in the town were located by triangulation. The mainmast of the ship was also located and ^{used} for control. A traverse was run from triangulation Hertford to the Baptist Church; thence along Main Street to the Norfolk Southern tracks; thence along the railroad track to the railroad bridge.

Below the town the three point problem was used. The work was greatly hindered by ice in the bays below Hertford.

The shore, except the water front of Hertford is low and swampy, and is heavily wooded in most places.

There are six wharves, two saw mills and one cotton oil mill on the water front of Hertford.

Two drawbridges span the river at Hertford. A wagon bridge at the foot of Church Street has a horizontal clearance of 64 feet, and a vertical clearance of $7\frac{1}{2}$ feet at high water. It carries a red and white light, and opens on a signal. The south opening only can be used, on account of shallow water and stumps in the north opening. The draw is opened on a signal.

The Norfolk Southern bridge is about one mile above Hertford; the draw has a horizontal clearance of 43 feet, and no vertical clearance. It opens on a signal; carries two red lights on each fender, and one light on the bridge showing red when the draw is closed and green when open.

Plane Table Positions

Object	Latitude		D. M. Meters	Longitude		D. P. Meters
	o	'		o	'	
Wharf house near Piney Pt.	36	07	750	76	18	760
" " " Burgess	36	08	1640	76	24	530
White house, Stevenson Pt.	36	06	480	76	12	140
⊙ Tin (Ralf's wharf, outer gable)	36	09	1370	76	14	1480
Stack of sawmill	36	11	1650	76	16	420
⊙ Gab (Lister's Wharf, Outer gable)	36	07	510	76	10	1085